

DECODER BUFFER FOR STREAMING VIDEO RECEIVER
AND METHOD OF OPERATION

ABSTRACT OF THE DISCLOSURE

There is disclosed a decoder buffer capable of receiving
5 streaming video data packets and storing the data packets in a
plurality of access units. Each of the access units holds at
least one data packet associated with a selected frame in the
streaming video. The decoder buffer comprises: 1) a first
buffer region comprising at least one access unit for storing
10 data packets that are less immediately needed by the video
decoder; and 2) a re-transmission region comprising at least one
access unit for storing data packets that are most immediately
needed by the video decoder. The decoder buffer, in response to
a detection of a missing data packet in the re-transmission
15 region, requests that the streaming video transmitter retransmit
the missing packet.